



# AVIDHIFI

## SIGSUM INTEGRATED AMPLIFIER <sup>TM</sup>



"A triumphant monument to true musicality"

SIGSUM swiftly dispatches any preconception that single chassis amplifiers limit performance. Condensing our reference designs into class-leading premium products is our forte and its clarity and power will expose a musical revelation.

Lurking behind our trademark embellished front panel we have distilled, condensed and shoe-horned our reference technology into a singular monument to convey true musicality.

Incorporating our Pulsus phonostage with its own dedicated mains transformer supplying independent power to each channel further solidifies our vinyl heritage and brings a new, spine-tingling level of realism to your favourite records. Independently powering the Pre and dual-mono amplifiers is a phenomenally large 1.1kVa mains transformer and 132k uF capacitor reservoir, delivering an unadulterated sound through the worlds best (ALPS RK50) volume control to your ears. Simply Awesome.

Retaining the world's best volume control, allows you to hear every detail with such life and realism. Bespoke circuit design and components allow faithful reproduction with almost limitless headroom. This dual-mono amplifier directly scaled down from our award-winning reference models has the ability to drive virtually any loudspeakers comfortably.

<b>INPUTS</b>	
<b>PHONO</b>	1 x RCA (Pair)
<b>Gain</b>	48dB – 60dB – 70dB
<b>Resistance</b>	100R – 300R - 500R – 1K – 5K 10K – 47K
<b>Capacitance</b>	100pF – 200pF – 500pF
<b>Distortion</b>	< 0.001%
<b>RIAA Accuracy</b>	5Hz - 70kHz +/-0.5dB (Neumann HF correction)
<b>Noise</b>	MM –81dB
<b>(A weighted)</b>	MC –67dB (high setting)
<b>Channel separation</b>	< -85dB 5Hz – 20KHz
<b>LINE</b>	2 x XLR (Pairs) / 2 x RCA (Pairs)
<b>Nominal sensitivity</b>	340mV Volume Full 100W XLR
<b>Resistance</b>	33kΩ (XLR) / 82kΩ (RCA)
<b>Maximum input</b>	11 Vrms XLR
<b>Frequency response</b>	5Hz—over 80kHz ± 1dB
<b>Signal/Noise Ratio</b>	100 dB - XLR/RCA (Awtd)
	50 W, ref. 1V input
<b>OUTPUTS</b>	
<b>Output</b>	110W 8Ω
<b>Harmonic Distortion</b>	0.003% (80% Power 8Ω 1KHz)
<b>Loudspeaker Outputs</b>	2 sets AVIDHIFI Gold plated custom binding posts (Pairs)
<b>L/S Impedance</b>	4-16Ω
<b>Line level Output</b>	1 x RCA (Pair)
<b>Pre-Amp Output</b>	11V (Nominal) / 47Ω (Impedance)
<b>Headphone Output</b>	10V RMS / 1Ω(out) / 20-600Ω(range)
<b>POWER CONSUMPTION</b>	
<b>Power supply</b>	1.1kVa Mains Transformer + 132,000 uF Capacitor Resevior
<b>Voltage input</b>	115V or 230V AC (region dependent)
<b>Power Consumption</b>	59 Watts (MAX) No Signal Idle 800 Watts clipping 4 Ohm Load
<b>Mains input Socket</b>	IEC C14 Type
<b>Mains input Cable</b>	IEC C13 Type
<b>DIMENSIONS AND WEIGHTS</b>	
<b>Dimensions</b>	471 x 500 x 190mm (WxDxH)
<b>Net weight</b>	31.2kg (69lb)
<b>Packaging (each)</b>	600 x 570 x 260mm (WxDxH)
<b>Shipping weight</b>	34.5Kg (76lb)



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